

From: marymcallister@comcast.net
To: [P65Public Comments](#)
Subject: GLYPHOSATE NSRL
Date: Friday, June 16, 2017 11:18:34 AM

I am writing to object to the designation of a “Specific Regulatory Level Posing No Significant Risk” for glyphosate.

It is an established fact that there is no safe dose of a chemical that is an endocrine disruptor. Microscopic quantities of a chemical that is capable of disrupting the endocrine system are capable of damaging developmental and reproductive physiology.

Here is the study that reports that glyphosate can activate **the estrogen receptor in a breast cancer cell line, which means it may be able to mimic the function of the key sex hormone estrogen:** *Food Chemical Toxicology*, 2013 Sep; 59:129-36. doi: 10.1016/j.fct.2013.05.057. Epub 2013 Jun 10, “Glyphosate induces human breast cancer cells growth via estrogen receptors,” Thongprakaisang, S, et. al. This study is posted to the NIH website, which establishes its credibility: <https://www.ncbi.nlm.nih.gov/pubmed/23756170>

Furthermore, there is evidence that glyphosate bioaccumulates, which suggests that individual doses are not an appropriate measure of toxicity. Glyphosate has been found in breast milk, which is evidence of bioaccumulation in fatty tissue. This is another reason why an individual dose is not an accurate measure of toxicity because the doses accumulate over time in the body, eventually reaching toxic doses.

The State of California has the opportunity to appropriately label glyphosate as a carcinogen. To weaken its standard for labeling by setting a “safe” level of exposure is a missed opportunity. There is no safe level of exposure of endocrine disrupters that bioaccumulate.

Thank you for your consideration.

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